

TARIFF ACTION MEMO

Date: February 24, 2022

Date Filed: January 27, 2022

Statutory End Date: March 14, 2022

File No: TA158-97, TA119-118, TA163-37, and TA113-290

Name of Utility: College Utilities Corporation (CUC) and Golden Heart Utilities, Inc. (GHU)

Subject: Cost of Energy Adjustment (COEA) Surcharge Updates

Recommendations

Staff recommends the Commission:

1. Suspend TA158-97 and TA119-118 into Docket No. U-21-070.
2. Suspend TA163-37 and TA113-290 into Docket No. U-21-071.
3. Approve the COEA surcharges on an interim and refundable basis, effective February 1, 2022.
4. Approve Tariff Sheet Nos. 26 and 95, filed January 27, 2022, with TA157-97 and TA119-118, by CUC and GHU, respectively, as shown on the attached side-by-side tariff sheets (BA-1). The effective date of the tariff sheets should be February 1, 2022.
5. Approve Tariff Sheet Nos. 22 and 91, filed January 27, 2022, with TA163-37 and TA113-290, by CUC and GHU, respectively, as shown on the attached side-by-side tariff sheets (BA-1). The effective date of the tariff sheets should be February 1, 2022.

Please see attached Staff Memorandum supporting the above recommendations.

Signed: Becki Alvey
Becki Alvey

Title: Utility Tariff Analyst

Commission decision regarding these recommendations:

	<u>Date (if different from 2/24/2022)</u>	<u>I Concur</u>	<u>I Do Not Concur</u>	<u>I Will Write A Dissenting Statement*</u>
Pickett		<u>RMP</u>		
Kurber		<u>KKT</u>		
Scott		<u>AGS</u> AGS		
Sullivan		<u>AL</u> DS		
Wilson		<u>JWW</u> JWW		

* If this column is initialed, Staff will contact the Commissioner for the statement; otherwise, the dissent will simply be noted at the close of the By Direction letter or order.

TA158-97, TA119-118, TA163-37, and TA113-290 Memo – College and Golden Heart Utilities

February 24, 2022

Page 1 of 7

MEMORANDUM

To: Robert M. Pickett, Chairman
Keith Kurber II
Antony Scott
Daniel A. Sullivan
Janis W. Wilson

Date: February 24, 2022

From: Becki Alvey, Utility Tariff Analyst

Subject: Quarterly COEA Surcharge Update

Recommendations

Staff recommends the Commission:

1. Suspend TA158-97 and TA119-118 into Docket No. U-21-070.
2. Suspend TA163-37 and TA113-290 into Docket No. U-21-071.
3. Approve the COEA surcharges on an interim and refundable basis, effective February 1, 2022.
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5. Approve Tariff Sheet Nos. 22 and 91, filed January 27, 2022, with TA163-37 and TA113-290, by CUC and GHU, respectively, as shown on the attached side-by-side tariff sheets (BA-1). The effective date of the tariff sheets should be February 1, 2022.

Background

In Order Nos. U-07-076(8)/U-07-077(8)¹ and U-07-076(11)/U-07-077(11)² the Commission allowed CUC and GHU (hereinafter referred to together as ‘the Utilities’) to adjust rates on a quarterly basis for the specified energy costs.³ Further, the Commission allowed the Utilities to apply 3 AAC 52.501 et seq. for all of its future COEA filings.⁴

Filings

The Utilities now submit TA158-97 and TA119-118, pertaining to the joint water operations, and TA163-37 and TA113-290, pertaining to the joint wastewater utility operations, COEA updates for the period beginning February 1, 2022. With these filings, the Utilities filed Tariff Sheet Nos. 26 and 95 pertaining to their water service and Tariff

¹ See Order No. U-07-076(8)/U-07-077(8), Order Establishing Revenue Requirement, Ordering Refunds, and Requiring Filings, dated June 30, 2008.

² See Order No. U-07-076(11)/U-07-077(11), Order Granting in Part Petitions for Reconsideration and Requiring Filings, dated December 12, 2008.

³ See Order No. U-07-076(11)/U-07-077(11), Page 13, lines 1-11.

⁴ See Letter Order No. L1000222 issued June 17, 2010, approving the Utilities to apply 3 AAC 52.501 et seq. for all of the Utilities’ future COEA filings.

Sheet Nos. 22 and 91 pertaining to their wastewater service. The Utilities requested the tariff sheets be effective February 1, 2022. The Utilities filed one supplement to TA158-97 and TA119-118 related to the November revenues for CUC.⁵

The COEA is similar to Cost of Power Adjustment (COPA) for electric utilities and Gas Cost Adjustment for natural gas utilities. The Commission evaluates proposed revisions to COEA surcharges under 3 AAC 52.501-519.⁶ 3 AAC 52.504(g) requires that each proposed COPA revision include information to support entries in the COPA balancing account for the historical quarter, and to support projections for the future period.

The Utilities use the same methodology for calculating the proposed COEA for the water operations and the wastewater operations. The Utilities' tariff provisions for the COEA balancing account mirror those of electric utilities as provided for in 3 AAC 52.503(b).⁷ Calculation of the COEA consists of two parts. The first part includes the Utilities' proposed sales and energy costs based on nine months of actual data and three months of projected data for the transportation, power, heat costs, and natural gas costs for the wastewater Utilities.⁸ For the power costs, the first part includes the Utilities' projection using the annual kilowatt usage from the prior year multiplied by the current electric rates.⁹ The second part includes documentation for the actual balancing account entries for October through December 2021.¹⁰ The Utilities maintain a joint water balancing account and a joint wastewater balancing account to reflect the actual energy costs incurred and surcharge revenues collected by each utility each month.¹¹ The Utilities provided invoices supporting actual purchased power, purchased natural gas, purchased transportation, and purchased heat costs for the quarter beginning October 2021, including invoices and spreadsheets supporting the balancing account entries.¹²

⁵ See TR2200763, filed February 14, 2022.

⁶ See Letter Order No. L1000222 issued June 17, 2010, approving the Utilities to apply 3 AAC 52.501 et seq. for all of the Utilities' future COEA filings.

⁷ In the COPA formula the cost of power balancing account balance must include for each month: a debit entry for the actual approved costs; a credit entry of the sales multiplied by the cost of power per kWh included in base rates; a credit entry equal to the total number of kWh sales multiplied by the COPA; and any additional entries approved by the Commission.

⁸ See Order No. U-07-076(8)/U-07-077(8) *Order Establishing Revenue Requirement, Ordering Refunds, And Requiring Filings*, issued June 30, 2008, and Exhibit B for TA158-97, TA119-118, TA163-37, and TA113-290 with the transportation, power, natural gas, and purchased heat costs, and sales data.

⁹ See Order No. U-15-091(1)/U-15-092(1) *Order Suspending Tariff Revisions; Granting Request for Interim and Refundable Rate Increases; Establishing Interest Rates on Refunds and Requiring a Filing; Approving Tariff Sheets; Inviting Participation by the Attorney General and Intervention; Scheduling Prehearing Conference; Addressing Timeline for Decision; Designating Commission Panel; and Appointing Administrative Law Judge*, issued June 25, 2015.

¹⁰ See side-by-side Tariff Sheet Nos. 22 & 26 (CC), and 91 & 95 (GHU), as attached as BA-1.

¹¹ The joint balancing account was established in Order Nos. U-07-076(8)/U-07-077(8) *Order Establishing Revenue Requirement, Ordering Refunds, and Requiring Filings*, issued June 30, 2008, at page 81, lines 3-5, which states: "The same adjustments should cover the water services for both GHU and CUC, and another adjustment should cover the sewer services for both GHU and CUC."

¹² See side-by-side Tariff Sheet Nos. 22 & 26 (CUC), and 91 & 95 (GHU), as attached as BA-1, with the purchased power, purchased natural gas, purchased transportation, and purchased heat costs and sales data.

Staff notes that GHU/CUC did not include the power and heat expenses for the administrative office building in this filing to comply with U-19-070(21)/U-19-071(21)/U-19-087(18)/U-19-088(18).¹³ CUC and GHU state: “The exclusion of those costs in this filing do not constitute any concession on this issue in the Order 21 appeal and GHU/CUC reserve, and do not waive, their right to seek recovery of those costs in cost of energy adjustments in the future.”¹⁴

Notice

In accordance with historic Commission practice for adjustment clause filings, a public notice was not issued for TA158-97, TA119-118, TA163-37, and TA113-290.¹⁵

Discussion/Analysis

COEA Decrease for Water Utilities

As shown on Tariff Sheet Nos. 26 and 95, filed in TA158-97 and TA119-118, respectively, CUC and GHU, propose a COEA surcharge of (\$0.28674) per 1,000 gallons, which is a decrease from the currently approved COEA surcharge of (\$0.25183) per 1,000 gallons.

Table 1 contains a sample bill under the current and proposed surcharges for a single residential metered water customer with monthly usage of 3,719 gallons and a meter size of $\frac{3}{4}$ ".

Table 1

Monthly Customer Water Bills	Current	Proposed	Change
Cost of Energy Rate (\$/1,000 gal)	(\$0.25183)	(\$0.28674)	(\$0.03491)
<u>Customer Bill of 3,719 gals</u>			
Usage fee (\$9.30/1,000 gal)	\$34.59	\$34.59	-
Customer Fixed Fee	10.58	10.58	-
Public Fire Fee	4.28	4.28	-
Meter Charge ($\frac{3}{4}$ " Meter)	14.09	14.09	-
Cost of Energy Adjustment Surcharge	(0.94)	(1.07)	(0.13)
Regulatory Cost Charge, 0.890%	0.56	0.56	-
Total Customer Bill	<u>\$63.16</u>	<u>\$63.03</u>	<u>(\$0.13)</u>

Factors that may affect the calculation of the water Utilities' COEA include the previous period's balancing account balance, projected energy costs, and projected sales. Changes in these factors frequently offset each other. Any factor that increases the average cost per gallon sold will put upward pressure on the COEA and any factor that decreases the average cost per gallon sold will put downward pressure on the COEA. The proposed COEA decrease for the Utilities' water operations is driven by:

¹³ See U-19-070(21)/U-19-071(21)/U-19-087(18)/U-19-088(18), Page 29 of 65, dated January 1, 2021.

¹⁴ See tariff letters for TA158-97, TA119-118, TA163-37, and TA113-290, at page 2.

¹⁵ One reason the Commission forgoes publication notice for Cost of Power Adjustment (COPA) filings is 3 AAC 52.504(d), which states “[f]or a COPA filing under (b) of this section, an electric utility is not required to give public notice under AS 42.05.411...” This allows a utility to implement a COPA upon filing, rather than waiting the 45 days specified in AS 42.05.411 to ensure adequate notice to the public of a tariff revision.

- (1) An increase in projected annual energy costs. The projected annual energy costs for the joint water operations increased from \$2,001,344 to \$2,003,736.¹⁶ This increase in projected costs places upward pressure on the COEA.
- (2) A decrease in the joint balancing account balance. The joint water operations balancing account balance decreased from (\$141,279) to (\$175,208),¹⁷ indicating that lower costs were incurred than revenues collected. The decrease in the balancing account balance places downward pressure on the COEA.
- (3) A decrease in projected annual sales. The projected annual sales for the joint water operations decreased from 899,905 gallons to 899,848 gallons.¹⁸ This decrease results in the projected costs being spread over a smaller number of gallons, which places upward pressure on the COEA.

The increase in projected costs and the decrease in projected annual sales places upward pressure on the COEA surcharge; this is offset by the downward pressure from the decrease in the joint balancing account balance. The overall result is a decrease in the Utilities' water COEA.

COEA Increase for Wastewater Utilities

As shown on Tariff Sheet Nos. 22 and 91, filed with TA163-37 and TA113-290, respectively, CUC and GHU propose a COEA surcharge of \$0.09952 per 1,000 gallons, which is an increase from the currently approved COEA surcharge of (\$0.00904) per 1,000 gallons.

Table 2 contains a sample bill under the current and proposed surcharges for a single residential metered water customer with monthly usage of 3,581 gallons and a meter size of $\frac{3}{4}$.

¹⁶ See side-by-side Tariff Sheet Nos. 26 (CUC) and 95 (GHU) at section d.1, attached as BA-1.

¹⁷ See side-by-side Tariff Sheet Nos. 26 (CUC) and 95 (GHU) at section d.2, attached as BA-1.

¹⁸ See side-by-side Tariff Sheet Nos. 26 (CUC) and 95 (GHU) at section d.4, attached as BA-1.

Table 2

Monthly Customer Wastewater Bills	Current	Proposed	Change (\$)
Cost of Energy Rate (\$/1,000 gal)	(\$0.00904)	\$0.09952	\$0.10856
<u>Customer Bill of 3,581 gals</u>			
Usage fee (\$14.80/1,000 gals)	\$53.00	\$53.00	-
Customer Fixed Fee	18.52	18.52	-
Meter Charge (¾" Meter)	14.50	14.50	-
Cost of Energy Adjustment Surcharge	(0.032)	0.356	0.39
Regulatory Cost Charge, 0.890%	0.77	0.77	-
Total Customer Bill	<u>\$86.75</u>	<u>\$87.14</u>	<u>\$0.39</u>

Factors that may affect the calculation of the wastewater Utilities' COEA include the previous quarter's balancing account balance, projected energy costs, and projected sales. Changes in these factors frequently offset each other. Any factor that increases the average cost per gallon sold will put upward pressure on the COEA and any factor that decreases the average cost per gallon sold will put downward pressure on the COEA. The proposed COEA increase for the Utilities' wastewater operations is primarily driven by:

- (1) An increase in projected annual energy costs. The projected annual energy costs for the joint wastewater operations increased from \$1,645,330 to \$1,676,129.¹⁹ This increase places upward pressure on the COEA.
- (2) An increase in the balancing account balance. The joint wastewater operations balancing account balance increased from (\$50,227) to \$58,303,²⁰ indicating that more costs were incurred than revenues collected. The increase in the balancing account balance places upward pressure on the COEA.
- (3) An increase in projected annual sales. The projected annual sales for the joint wastewater operations increased from 1,121,127 gallons to 1,132,636 gallons.²¹ This increase results in the projected costs being spread over a larger number of gallons, which places downward pressure on the COEA.

The increase in projected sales places downward pressure on the COEA surcharge; this is offset by the upward pressure from the increase in the balancing account balance and increase in annual costs. The overall effect is an increase in the Utilities' wastewater COEA.

¹⁹ See side-by-side Tariff Sheet Nos. 22 (CUC), and 91 (GHU), at section d.1, attached as BA-1.

²⁰ See side-by-side Tariff Sheet Nos. 22 (CUC), and 91 (GHU), at section d. 2 attached as BA-1.

²¹ See side-by-side Tariff Sheet Nos. 22 (CUC), and 91 (GHU), at section d.4, attached as BA-1.

The revisions proposed in TA158-97, TA119-118, TA163-37, and TA113-290 did not include a change in methodology or new cost element, and as such, the Utilities implemented the proposed COEA surcharges on February 1, 2022, in accordance with Letter Order No. L1000222.²² Staff has reviewed all information filed in support of the proposed surcharge and verified that the Utilities provided all required information. Staff confirmed that the proposed surcharge was calculated accurately, using the Utilities' approved methodology.²³

Tariff Sheets

Staff reviewed Tariff Sheet Nos. 26, 95, 22, and 91. Staff verified the proposed surcharges were calculated accurately using the Utilities' approved methodologies, the proper support was filed, and the tariff sheets are correct.

Suspension with Interim and Refundable Approval of COEA

The Utilities currently have revenue requirement studies pending before the Commission in Docket Nos. U-21-070 and U-21-071. In those dockets, the Commission granted the Utilities' request for interim and refundable rate relief (including an increase to the base cost of energy for water and wastewater), effective October 1, 2021.²⁴ The interim and refundable base costs of energy were used in the calculation of the Utilities' COEAs. Therefore, Staff believes the Commission should suspend these tariff filings into Docket Nos. U-21-070 and U-21-071, for the water and wastewater utilities respectively.

Conclusion

With TA158-97, TA119-118, TA163-37, and TA113-290, the Utilities propose to update the COEAs for the period beginning February 1, 2022. Based on the discussion above, Staff recommends the Commission:

1. Suspend TA158-97 and TA119-118 into Docket No. U-21-070.
2. Suspend TA163-37 and TA113-290 into Docket No. U-21-071.
3. Approve the COEA surcharges on an interim and refundable basis, effective February 1, 2022.
4. Approve Tariff Sheet Nos. 26 and 95, filed January 27, 2022, with TA158-97 and TA119-118, by CUC and GHU, respectively. The effective date of the tariff sheets should be February 1, 2022.
5. Approve Tariff Sheet Nos. 22 and 91, filed January 27, 2022, with TA163-37 and TA113-290, by CUC and GHU, respectively. The effective date of the tariff sheets should be February 1, 2022.

Signature: 

Email: bob.pickett@alaska.gov

Signature: 
Keith Kurber II (Feb 24, 2022 11:25 AKST)

Email: keith.kurber@alaska.gov

Signature: 

Email: antony.scott@alaska.gov

Signature: 
Daniel Sullivan (Feb 24, 2022 14:18 AKST)

Email: daniel.sullivan@alaska.gov

²² See Letter Order No. L1000222, issued June 17, 2010, which granted the Utilities COEA the same treatment as a COPA. 3 AAC 52.504(b) provides that an electric utility may implement a COPA that does not include a new methodology or new cost element immediately upon filing.

²³ See side-by-side Tariff Sheet Nos. 26 (CUC), 95 (GHU), 22 (CUC), and 91 (GHU), attached as BA-1.

²⁴ See Order No. U-21-070(1)/U-21-071(1).

RCA NO. 97 50th REVISION SHEET NO. 26

CANCELING

49th REVISION SHEET NO. 26

COLLEGE UTILITIES CORPORATION
COST OF ENERGY ADJUSTMENT

d. Determination of Water Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,034,049	\$ 276,716	\$ -	\$ 1,310,765	
Purchased Heat	\$ 654,298	\$ 4,692	\$ -	\$ 658,990	
Purchased Natural Gas	\$ -	\$ -	\$ -	\$ -	
Transportation	\$ 19,811	\$ 9,863	\$ 1,915	\$ 31,589	
Total Energy Cost (a)	\$ 1,708,158	\$ 291,271	\$ 1,915	\$ 2,001,344	I

CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	162,247,185	71,392,175	233,639,360	
Duplex Metered	47,901,689	11,797,493	59,699,181	
Multiple Residential	155,077,121	39,200,603	194,277,724	
Commercial	203,797,191	51,463,220	255,260,411	
Bulk Water Haulers	11,614,247	57,182,633	68,796,880	
Aurora/UAF	18,004,580	67,325,000	85,329,580	
Construction Hydrant	1,478,550	1,102,447	2,580,997	
Interdept. Metered	52,920	268,003	320,923	
Total Sales Volume (b)	600,173,482	299,731,573	899,905,056	I

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 2,001,344	
2. Balancing Account Balance at 9/30/2021	\$ (141,279)	R
3. Total (1+2)	\$ 1,860,065	
4. Projected Total Sales Volume (in thousands)	899,905	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 2.06696	
6. Base Cost of Energy per 1000 gallons	\$ 2.31878	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ (0.25183)	R

Pursuant to U-21-071(5)/U-21-071(5)

TARIFF ADVICE NO: 157-97 EFFECTIVE: 11/1/2021

ISSUED BY: COLLEGE UTILITIES CORPORATION

BY: O - A - P - 1 Title: President
Oran Paul

RECEIVED

OCT 27 2021

STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

RCA NO. 97 51st REVISION SHEET NO. 26

CANCELING

50th REVISION SHEET NO. 26

COLLEGE UTILITIES CORPORATION
COST OF ENERGY ADJUSTMENT

d. Determination of Water Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,022,189	\$ 273,839	\$ -	\$ 1,296,028	
Purchased Heat	\$ 661,879	\$ 6,981	\$ -	\$ 668,860	
Purchased Natural Gas	\$ -	\$ -	\$ -	\$ -	
Transportation	\$ 25,065	\$ 11,088	\$ 2,695	\$ 38,848	
Total Energy Cost (a)	\$ 1,709,133	\$ 291,908	\$ 2,695	\$ 2,003,736	I

CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	159,527,937	70,417,013	229,944,950	
Duplex Metered	46,901,637	11,726,533	58,628,170	
Multiple Residential	153,306,958	38,972,604	192,279,562	
Commercial	206,849,507	53,330,496	260,180,003	
Bulk Water Haulers	11,363,254	57,669,320	69,032,574	
Aurora/UAF	18,573,501	68,672,000	87,245,501	
Construction Hydrant	1,203,751	1,009,355	2,213,106	
Interdept. Metered	54,722	269,606	324,328	
Total Sales Volume (b)	597,781,267	302,066,927	899,848,194	R

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 2,003,736	
2. Balancing Account Balance at 12/31/2021	\$ (175,208)	R
3. Total (1+2)	\$ 1,828,528	
4. Projected Total Sales Volume (in thousands)	899,848	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 2.03204	
6. Base Cost of Energy per 1000 gallons	\$ 2.31878	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ (0.28674)	R

DOCKET NO:

TARIFF ADVICE NO: 158-97 EFFECTIVE: 2/1/2022

ISSUED BY: COLLEGE UTILITIES CORPORATION

BY: O - A - P - 1 Title: President
Oran Paul

RCA NO. 118 50th REVISION SHEET NO. 95

CANCELING

49th REVISION SHEET NO. 95

RECEIVED

OCT 27 2021

STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

GOLDEN HEART UTILITIES, INC.

COST OF ENERGY ADJUSTMENT

d. Determination of Water Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,034,049	\$ 276,716	\$ -	\$ 1,310,765	
Purchased Heat	\$ 654,298	\$ 4,692	\$ -	\$ 658,990	
Purchased Natural Gas	\$ -	\$ -	\$ -	\$ -	
Transportation	\$ 19,811	\$ 9,863	\$ 1,915	\$ 31,589	
Total Energy Cost (a)	\$ 1,708,158	\$ 291,271	\$ 1,915	\$ 2,001,344	I

CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	162,247,185	71,392,175	233,639,360	
Duplex Metered	47,901,689	11,797,493	59,699,181	
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Commercial	203,797,191	51,463,220	255,260,411	
Interdept. Metered	52,920	268,003	320,923	
Construction Hydrant	1,478,550	1,102,447	2,580,997	
Aurora/UAF	18,004,580	67,325,000	85,329,580	
Bulk Water Haulers	11,614,247	57,182,633	68,796,880	
Total Sales Volume (b)	600,173,482	299,731,573	899,905,056	I

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 2,001,344	
2. Balancing Account Balance at 9/30/2021	\$ (141,279)	R
3. Total (1+2)	\$ 1,860,065	
4. Projected Total Sales Volume (in thousands)	899,905	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 2.06696	
6. Base Cost of Energy per 1000 gallons	\$ 2.31878	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ (0.25183)	R

Pursuant to U-21-071(5)/U-21-071(5)

TARIFF ADVICE NO: 118-118 EFFECTIVE: 11/1/2021

ISSUED BY: GOLDEN HEART UTILITIES, INC.

BY: Oran Paul Title: President

RCA NO. 118 52nd REVISION SHEET NO. 95

CANCELING

51st REVISION SHEET NO. 95



GOLDEN HEART UTILITIES, INC.

COST OF ENERGY ADJUSTMENT

d. Determination of Water Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,022,189	\$ 273,839	\$ -	\$ 1,296,028	
Purchased Heat	\$ 661,879	\$ 6,981	\$ -	\$ 668,860	
Purchased Natural Gas	\$ -	\$ -	\$ -	\$ -	
Transportation	\$ 25,065	\$ 11,088	\$ 2,695	\$ 38,848	
Total Energy Cost (a)	\$ 1,709,133	\$ 291,908	\$ 2,695	\$ 2,003,736	I

CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	159,527,937	70,417,013	229,944,950	
Duplex Metered	46,901,637	11,726,533	58,628,170	
Multiple Residential	153,306,958	38,972,604	192,279,562	
Commercial	206,849,507	53,330,496	260,180,003	
Bulk Water Haulers	11,363,254	57,669,320	69,032,574	
Aurora/UAF	18,573,501	68,672,000	87,245,501	
Construction Hydrant	1,203,751	1,009,355	2,213,106	
Interdept. Metered	54,722	269,606	324,328	
Total Sales Volume (b)	597,781,267	302,066,927	899,848,194	R

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 2,003,736	
2. Balancing Account Balance at 12/31/2021	\$ (175,208)	R
3. Total (1+2)	\$ 1,828,528	
4. Projected Total Sales Volume (in thousands)	899,848	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 2.03204	
6. Base Cost of Energy per 1000 gallons	\$ 2.31878	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ (0.28674)	R

DOCKET NO:

TARIFF ADVICE NO: 119-118 EFFECTIVE: 2/1/2022

ISSUED BY: GOLDEN HEART UTILITIES, INC.

BY: Oran Paul Title: President

RCA NO. 37 51st REVISION SHEET NO. 22

CANCELING

50th REVISION SHEET NO. 22

COLLEGE UTILITIES CORPORATION

COST OF ENERGY ADJUSTMENT

d. Determination of Wastewater Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,322,113	\$ 102,859	\$ -	\$ 1,424,971	
Purchased Heat	\$ 97,747	\$ 7,320	\$ -	\$ 105,067	
Purchased Natural Gas	\$ 23,572	\$ -	\$ -	\$ 23,572	
Transportation	\$ 60,191	\$ 29,613	\$ 1,915	\$ 91,720	
Total Energy Cost (a)	\$ 1,503,623	\$ 139,792	\$ 1,915	\$ 1,645,330	I

CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	139,956,165	53,913,467	193,869,632	
Duplex Metered	44,334,470	9,364,605	53,699,076	
Multiple Residential	143,900,137	37,769,729	181,669,867	
Commercial	208,479,333	49,761,517	258,240,850	
Public Authority FWW, UAF	353,583,174	63,304,178	416,887,351	
Wholesale - Lakeview	6,667,405	-	6,667,405	
Septage Hauler	8,953,566	-	8,953,566	
Interdept. Metered	960,097	179,322	1,139,419	
Total Sales Volume (b)	906,834,347	214,292,819	1,121,127,166	I

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost		\$ 1,645,330	
2. Balancing Account Balance at 9/30/2021		\$ (50,227)	R
3. Total (1+2)		\$ 1,595,103	
4. Projected Total Sales Volume (in thousands)		1,121,127	
5. Projected Cost of Energy per 1000 gallons (3/4)		\$ 1.42277	
6. Base Cost of Energy per 1000 gallons		\$ 1.43180	
7. Cost of Energy Adjustment per 1000 gallons (5-6)		\$ (0.00904)	R

Pursuant to U-21-071(5)/U-21-071(5)

TARIFF ADVICE NO: 162-37 EFFECTIVE: 11/1/2021

ISSUED BY: COLLEGE UTILITIES CORPORATION

BY: Oran Paul Title: President

RECEIVED

NOV 10 2021

STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

RCA NO. 37 52nd REVISION SHEET NO. 22

CANCELING

51st REVISION SHEET NO. 22

COLLEGE UTILITIES CORPORATION

COST OF ENERGY ADJUSTMENT

d. Determination of Wastewater Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,305,792	\$ 101,945	\$ -	\$ 1,407,736	
Purchased Heat	\$ 117,578	\$ 8,461	\$ -	\$ 126,039	
Purchased Natural Gas	\$ 28,832	\$ -	\$ -	\$ 28,832	
Transportation	\$ 76,640	\$ 34,187	\$ 2,695	\$ 113,522	
Total Energy Cost (a)	\$ 1,528,841	\$ 144,593	\$ 2,695	\$ 1,676,129	I

CURRENT SALES VOLUMES PROJECTION:

	GHU	CUC	Total Sales Projection	
Residential Metered	137,351,151	52,950,886	190,302,037	
Duplex Metered	43,749,860	9,267,303	53,017,163	
Multiple Residential	141,556,330	37,509,557	179,065,887	
Commercial	210,011,618	53,007,971	263,019,589	
Public Authority FWW, UAF	366,384,296	64,460,178	430,844,474	
Wholesale - Lakeview	6,442,531	-	6,442,531	
Septage Hauler	8,755,897	-	8,755,897	
Interdept. Metered	1,008,724	180,020	1,188,744	
Total Sales Volume (b)	915,260,408	217,375,915	1,132,636,323	I

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost		\$ 1,676,129	
2. Balancing Account Balance at 12/31/2021		\$ 58,303	I
3. Total (1+2)		\$ 1,734,432	
4. Projected Total Sales Volume (in thousands)		1,132,636	
5. Projected Cost of Energy per 1000 gallons (3/4)		\$ 1.53132	
6. Base Cost of Energy per 1000 gallons		\$ 1.43180	
7. Cost of Energy Adjustment per 1000 gallons (5-6)		\$ 0.09952	I

DOCKET NO:

TARIFF ADVICE NO: 163-37 EFFECTIVE: 2/1/2022

ISSUED BY: COLLEGE UTILITIES CORPORATION

BY: Oran Paul Title: President

CANCELING

RECEIVED

NOV 10 2021

STATE OF ALASKA
REGULATORY COMMISSION OF ALASKA

GOLDEN HEART UTILITIES, INC.

COST OF ENERGY ADJUSTMENT

d. Determination of Wastewater Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,322,113	\$ 102,859	\$ -	\$ 1,424,971	
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ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 1,645,330	
2. Balancing Account Balance at 9/30/2021	\$ (50,227)	R
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6. Base Cost of Energy per 1000 gallons	\$ 1.43180	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ (0.00904)	R

Pursuant to U-21-071(5)/U-21-071(5)

TARIFF ADVICE NO: 112-290

EFFECTIVE:

11/10/2021

ISSUED BY: GOLDEN HEART UTILITIES, INC.

BY: Oran Paul Title: President

CANCELING



GOLDEN HEART UTILITIES, INC.

COST OF ENERGY ADJUSTMENT

d. Determination of Wastewater Cost of Energy Adjustment:

CURRENT COST OF ENERGY PROJECTION:

	GHU	CUC	USA	Total Cost Projection	
Purchased Power	\$ 1,305,792	\$ 101,945	\$ -	\$ 1,407,736	
Purchased Heat	\$ 117,578	\$ 8,461	\$ -	\$ 126,039	
Purchased Natural Gas	\$ 28,832	\$ -	\$ -	\$ 28,832	
Transportation	\$ 76,640	\$ 34,187	\$ 2,695	\$ 113,522	
Total Energy Cost (a)	\$ 1,528,841	\$ 144,593	\$ 2,695	\$ 1,676,129	I

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Duplex Metered	43,749,860	9,267,303	53,017,163	
Multiple Residential	141,556,330	37,509,557	179,065,887	
Commercial	210,011,618	53,007,971	263,019,589	
Interdept. Metered	1,008,724	64,460,178	65,468,902	
Public Authority FWW, L	366,384,296	-	366,384,296	
Septage Hauler	8,755,897	-	8,755,897	
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Total Sales Volume (b)	915,260,408	217,375,915	1,132,636,323	I

ENERGY ADJUSTMENT RATE CALCULATION:

1. Total Projected Energy Cost	\$ 1,676,129	
2. Balancing Account Balance at 12/31/2021	\$ 58,303	I
3. Total (1+2)	\$ 1,734,432	
4. Projected Total Sales Volume (in thousands)	1,132,636	
5. Projected Cost of Energy per 1000 gallons (3/4)	\$ 1.53132	
6. Base Cost of Energy per 1000 gallons	\$ 1.43180	
7. Cost of Energy Adjustment per 1000 gallons (5-6)	\$ 0.09952	I

DOCKET NO:

TARIFF ADVICE NO: 113-290

EFFECTIVE:

2/1/2022

ISSUED BY: GOLDEN HEART UTILITIES, INC.

BY: Oran Paul Title: President